

1 **ABSTRACT**

2 An integrated circuit has one or more components that operate with
3 reference to a distributed reference voltage. A reference voltage driver produces a
4 compensated reference voltage, and the compensated reference voltage is
5 distributed to form the distributed reference voltage at the components. Due to
6 factors such as trace resistance and gate leakage, the distributed reference voltage
7 is degraded relative to the compensated reference voltage. The reference voltage
8 driver is responsive to feedback derived from the distributed reference voltage to
9 adjust the compensated reference voltage so that the distributed reference voltage
10 is approximately equal to a nominal reference voltage.